

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in re Application of:

Chen, Shuqi

Application No: 10/605,459

Filed: September 30, 2003

For: *Multi-Layer Testing Column*

Examiner: Not Yet Assigned

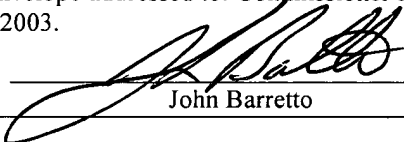
Art Unit: 1744

Confirmation No.: 2458

Attorney Document No. IQA-004.02

CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 30, 2003.

  
John Barretto

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)(3)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The above-referenced application is a continuation of USSN 09/339,055, which was filed on June 23, 1999. Accordingly, Applicants request that all documents made of record in USSN 09/339,055 be made of record in the above-referenced application. Copies are submitted herewith of Form PTO 1449 filed September 30, 1999 and January 5, 2000 in USSN 09/339,055.

In accordance with 37 CFR 1.98(d)(2), no copies of the references cited in these Forms PTO 1449 are enclosed herewith, because the Information Disclosure Statements filed in USSN 09/339,055 complied with 37 CFR 1.98 sections (a) through (c).

In addition, a further Form PTO/SB/08a is filed listing references cited by the Examiner in USSN 09/339,055. Copies of the documents are not submitted, pursuant to 1276 OG 55, *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published*

*Applications in Patent Applications filed after June 30, 2003*, because all documents listed are U.S. patents.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached Form PTO/SB/08a.

This submission does not represent that a search has been made or that no better art exists. Nor does it constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies the cited documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of said document. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the cited references be applied against the claims of the present application.

This Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits; therefore, no fees are due. However, the Commissioner is authorized to credit any overpayment or charge any deficiencies to/from our Deposit Account, **No. 06-1448**.

Respectfully submitted,  
FOLEY HOAG LLP

By: 

\_\_\_\_\_  
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Reg. No. 48,543  
Agent for Applicants

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Attorney Docket No.  
04590-81018Serial No.  
09/339,055INFORMATION DISCLOSURE  
CITATION










Sheet 1 of 2

Applicant: Shuqi Chen

Filing Date: June 23, 1999

Group: 2855

## PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	AA	4,301,139	11/17/81	Feingers et al.	424	1	06/21/79
	AB	4,446,232	05/01/84	Liotta	435	7	10/13/81
	AC	4,680,275	07/14/87	Wagner et al.	436	518	02/11/85
	AD	4,803,154	02/07/89	Uo et al.	435	7	04/25/86
	AE	5,057,438	10/15/91	Imai et al.	435	516	03/30/87
	AF	5,120,662	06/09/92	Chan et al.	436	530	06/04/90
	AG	5,356,785	10/18/94	McMahon et al.	435	7.92	05/02/91
	AH	5,424,220	06/13/95	Goerlach-Graw et al.	436	568	01/29/93
	AI						

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
	AJ							
	AK							
	AL							
	AM							
	AN							

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	AO	
	AP	
	AQ	
	AR	

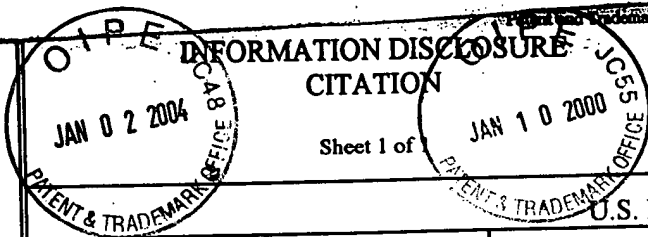
EXAMINER

DATE CONSIDERED

7/11/01

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*\*Copies of references not provided at the time of this submission.



Patent No. 04590-81018

Serial No. 09/339,055

Applicant: Shuqi Chen

Filing Date: June 23, 1999

Group: 2855

Sheet 1 of

### U.S. PATENT DOCUMENTS

Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

### FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
✓ 8	AJ	EP 0 139 373	05/02/85	EPO	—	—		
✓ 8	AK	EP 0 312 394	04/19/89	EPO	—	—		
✓ 8	AL	WO 94/20831	09/15/94	PCT				
	AM							
	AN							

### OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	AO	
	AP	
	AQ	
	AR	

EXAMINER

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Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO

*(Use as many sheets as necessary)*

Sheet	1	of	1
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**Complete if Known**

<i>Application Number</i>	10/605,459
<i>Filing Date</i>	September 30, 2003
<i>First Named Inventor</i>	Chen, Shuqi
<i>Art Unit</i>	1744
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	IQA-004.02

[illegible][illegible]

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*